

Outline

VPS will need to use an account to connect to the computer which it is set to monitor. VPS prefers to use an AD account to monitor servers. There are two methods of granting the access to the account you create for VPS: (1) give it local administrators privileges and (2) grant only the specific permissions needed by VPS. This document will step you through assigning only the specific permissions needed by VPS to collect performance and configuration data. These permissions should be applied to the machine which will be monitored by VPS and can be summed up as WMI, COM, and Performance Counter security.

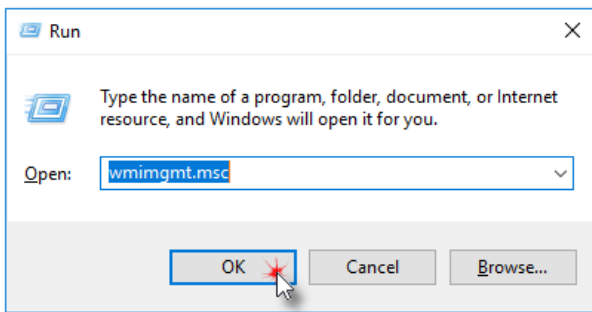
Create and Active Directory Account

- 1) Create a new Active Directory account.

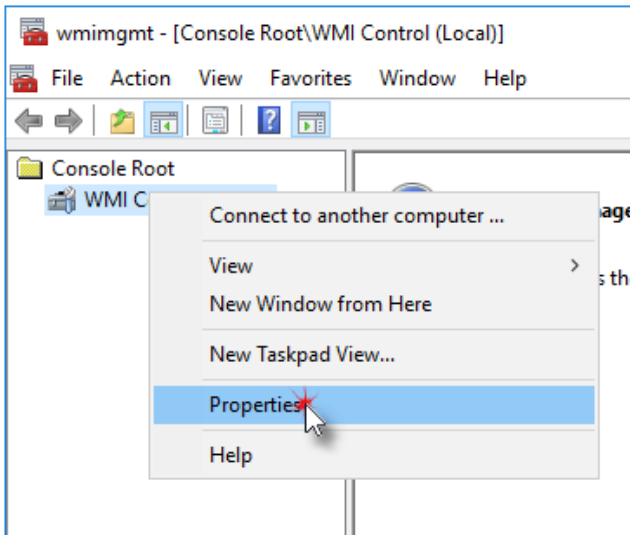
Grant Permission to WMI

Now that the account has been created, you will need to establish WMI permissions on the server which is going to be monitored.

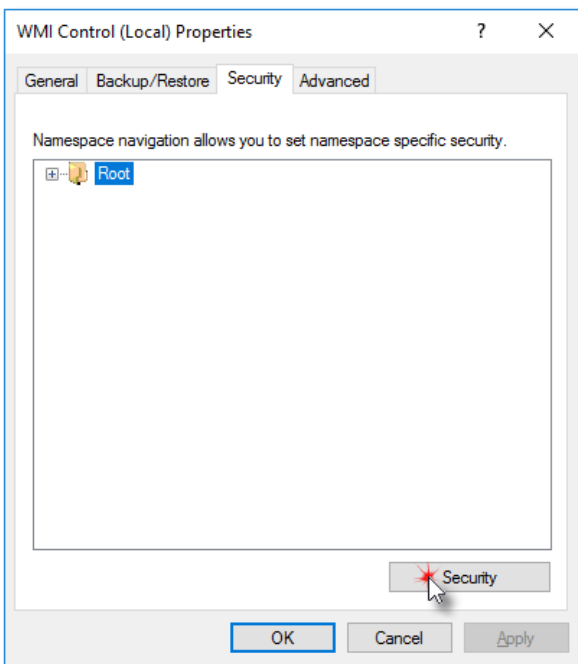
- 1) Run WMIMgmt.msc



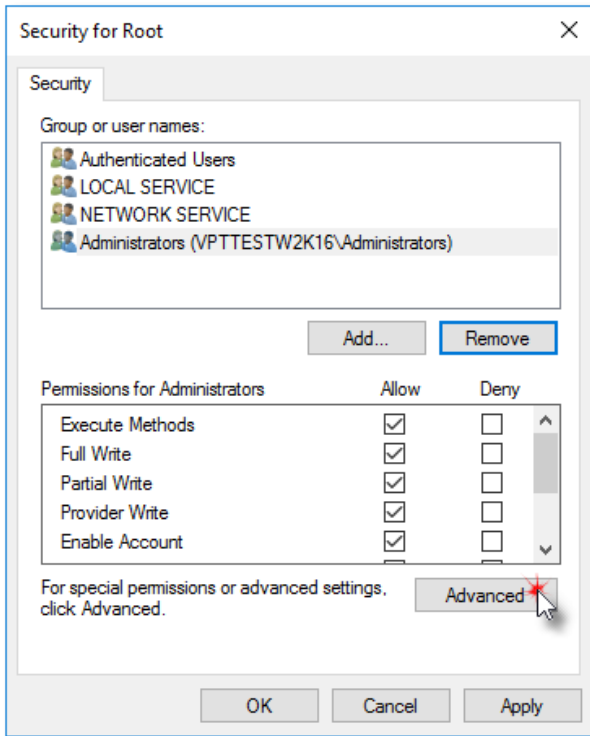
- 2) Right-click "WMI Control (local)" then click "Properties"



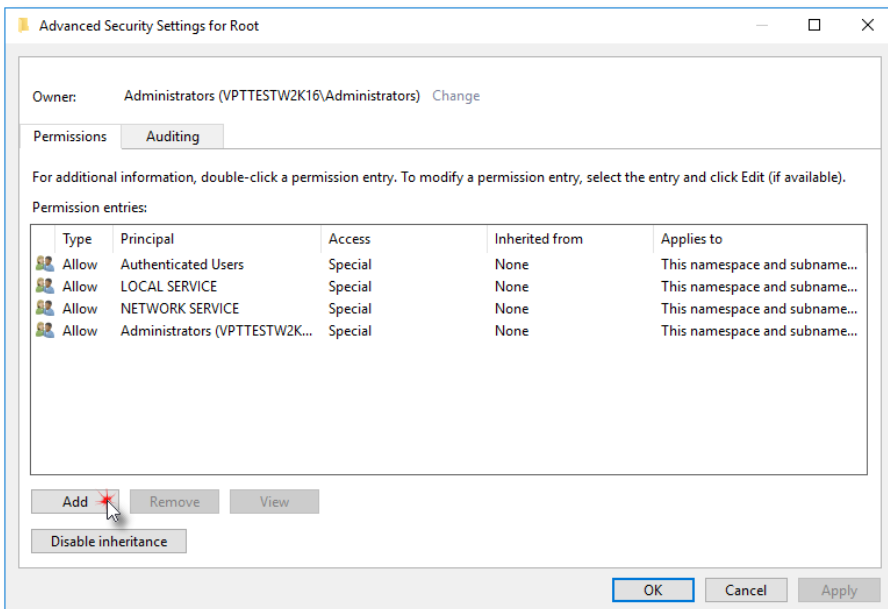
- 3) Select the "Security" Tab.
- 4) Click on the top item in the displayed tree. The item is called "Root".
- 5) Click "Security" at the bottom of the dialog.



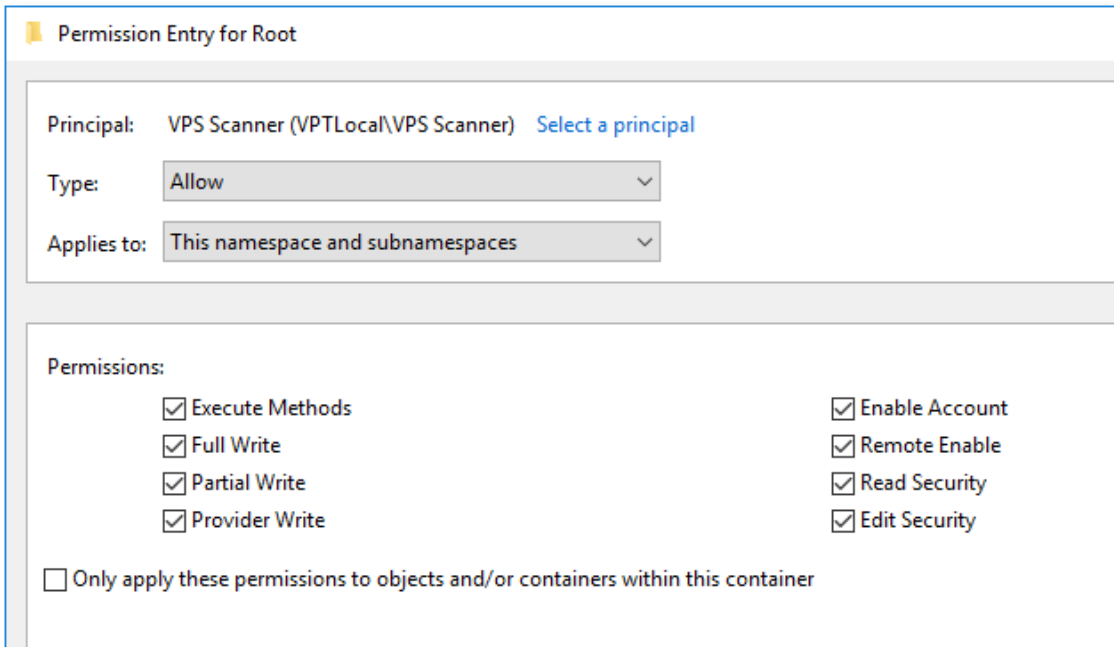
- 6) Click "Advanced"



7) Click "Add"



- 8) Select the AD Account which you created.
- 9) Ensure that the "Type" is "Allowed".
- 10) Ensure that the "Applies to" is "This namespace and subnamespaces".
- 11) Select all permissions checkboxes.
- 12) Click OK.



Permission Entry for Root

Principal: VPS Scanner (VPTLocal\VPS Scanner) [Select a principal](#)

Type:

Applies to:

Permissions:

<input checked="" type="checkbox"/> Execute Methods	<input checked="" type="checkbox"/> Enable Account
<input checked="" type="checkbox"/> Full Write	<input checked="" type="checkbox"/> Remote Enable
<input checked="" type="checkbox"/> Partial Write	<input checked="" type="checkbox"/> Read Security
<input checked="" type="checkbox"/> Provider Write	<input checked="" type="checkbox"/> Edit Security

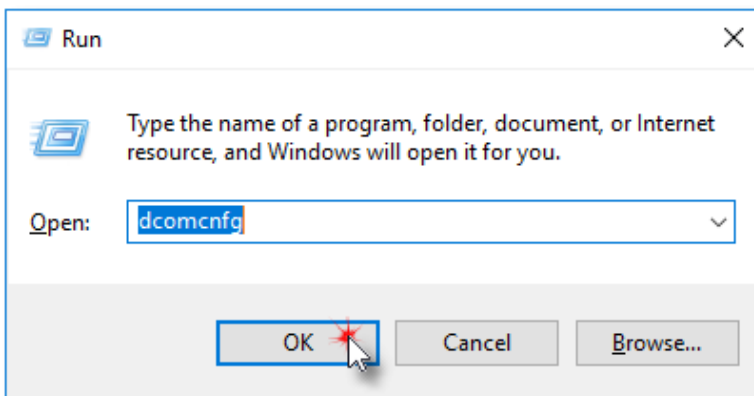
Only apply these permissions to objects and/or containers within this container

13) Click OK to save the account permissions.

14) Click OK to save the permissions to WMI.

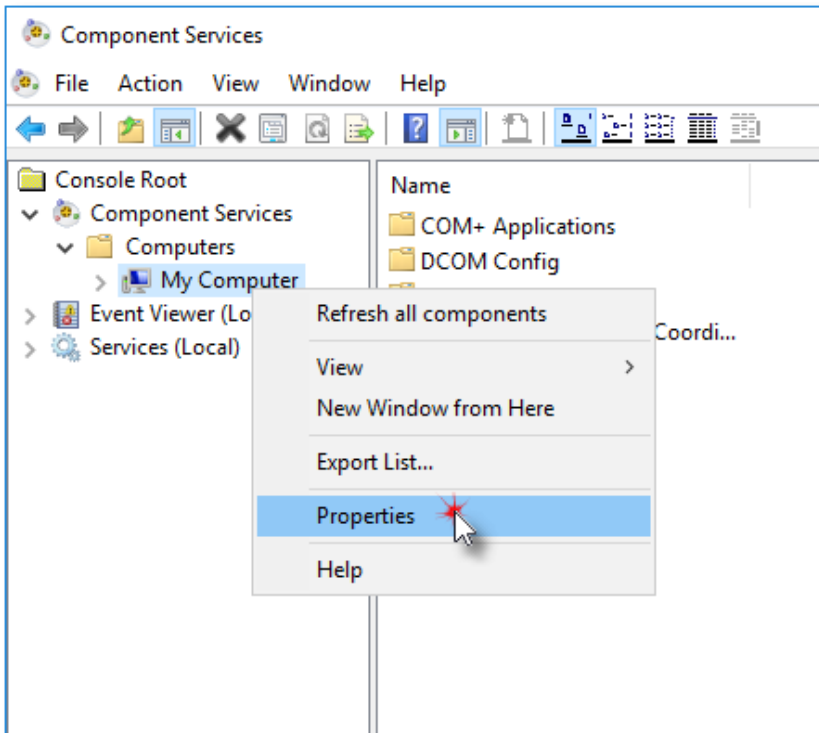
Grant Permission to COM

1) Run DCOMcnfg.exe

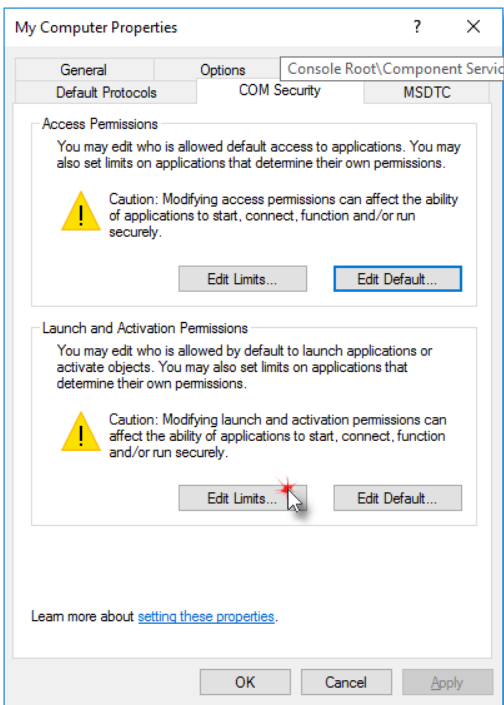


2) Expand, "Console Root" -> "Component Services" -> "Computers" -> "My Computer".

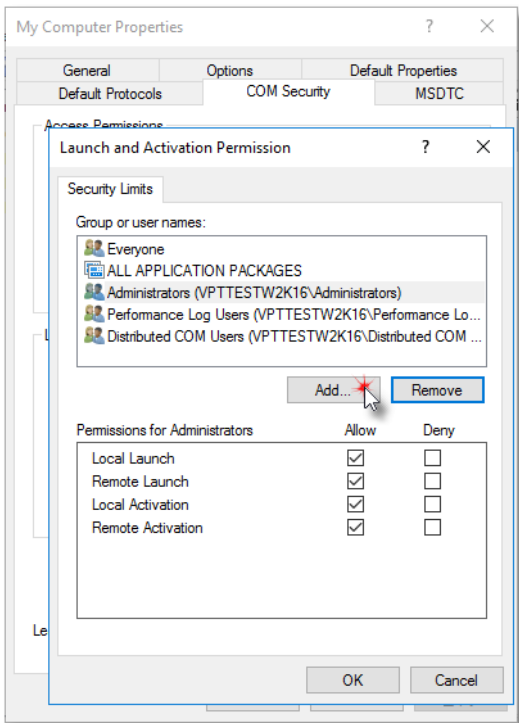
3) Right-click "My Computer" and click "Properties"



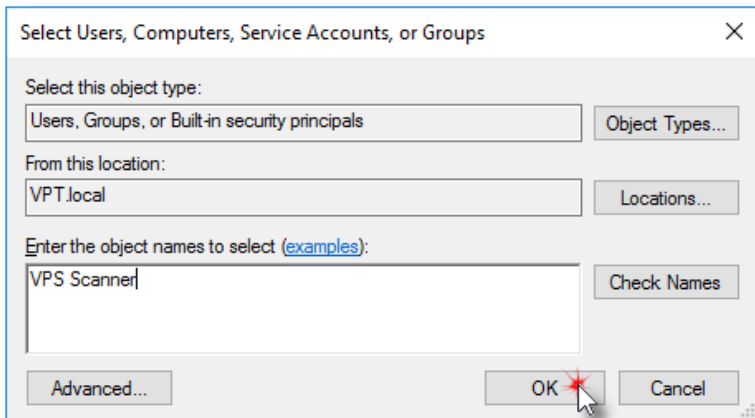
- 4) Select the "COM Security" tab
- 5) Under the section "Launch and Activation Permissions", click "Edit Limits".



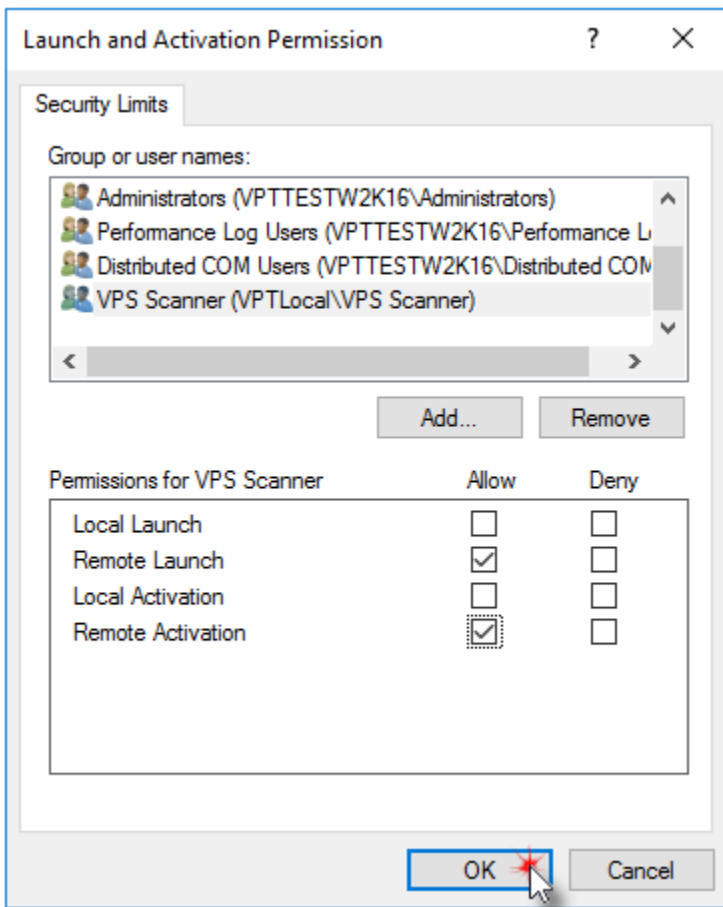
- 6) Click Add



7) Type in the AD user account name that you created for VPS then click OK.



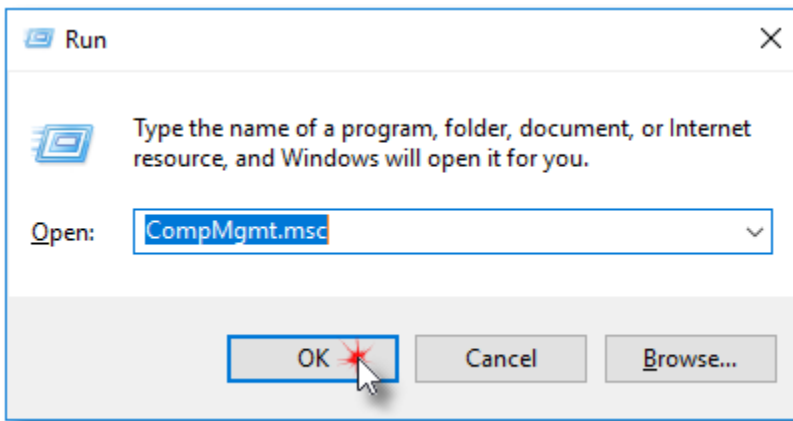
8) Ensure that "Remote Launch" and "Remote Activation" are selected then click OK.



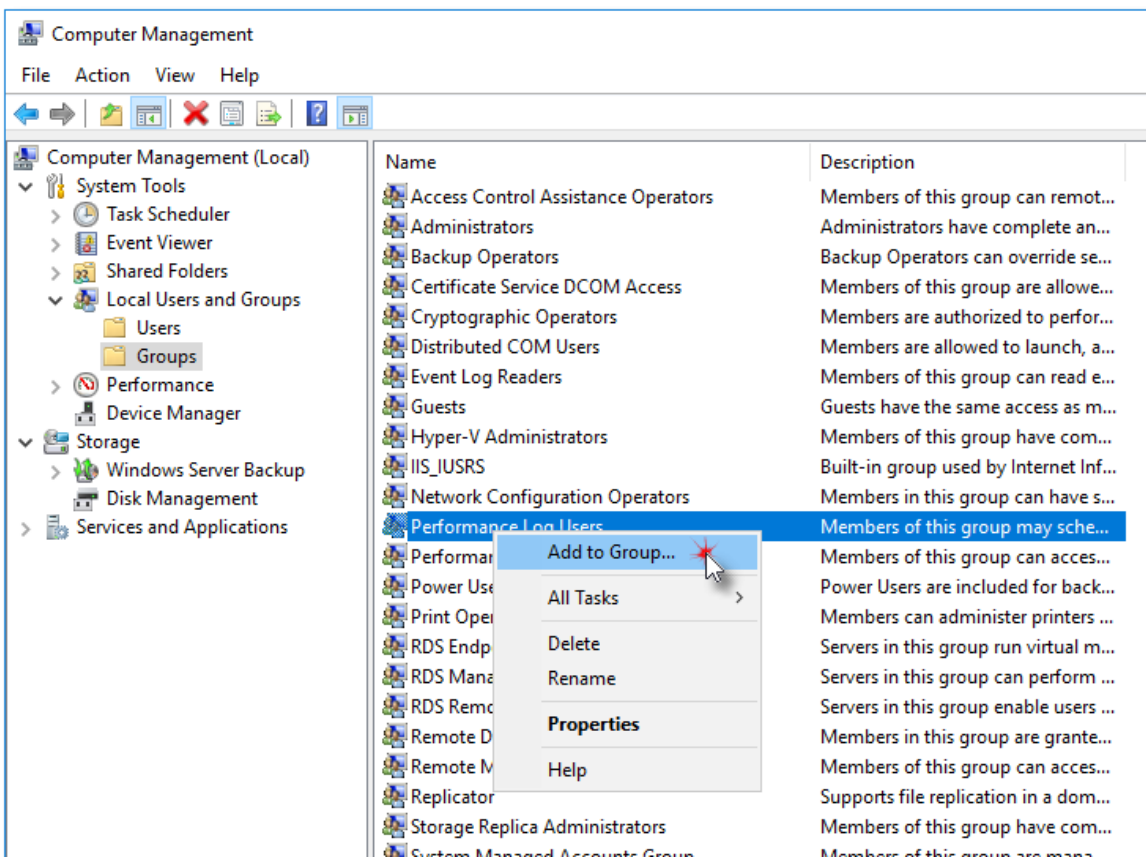
9) Click OK to save COM security.

Grant Permission to Performance Counters

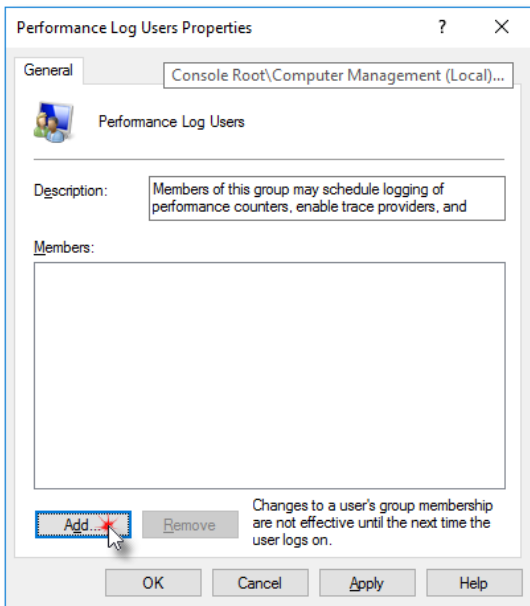
1) Run CompMgmt.msc



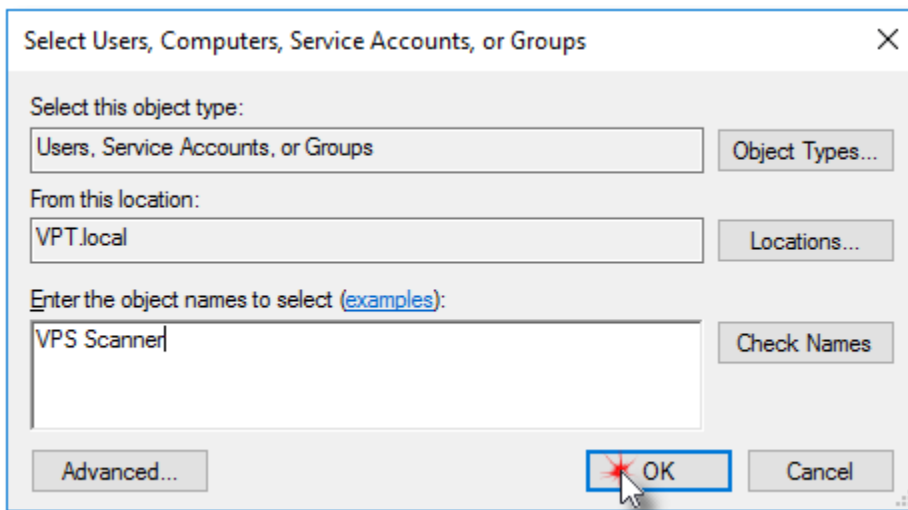
- 2) Expand "System Tools" -> "Local Users and Groups" -> "Groups" and then locate the group called "Performance Log Users".
- 3) Right-click on "Performance Log Users" and click "Add to group..."



- 4) Click the "add" button on the lower left of the users selection dialog.



5) Type in the AD user account name that you created for VPS then click OK.



6) Click Ok.

The service account you created for VPS should now have all the permissions it needs to monitor the machine.